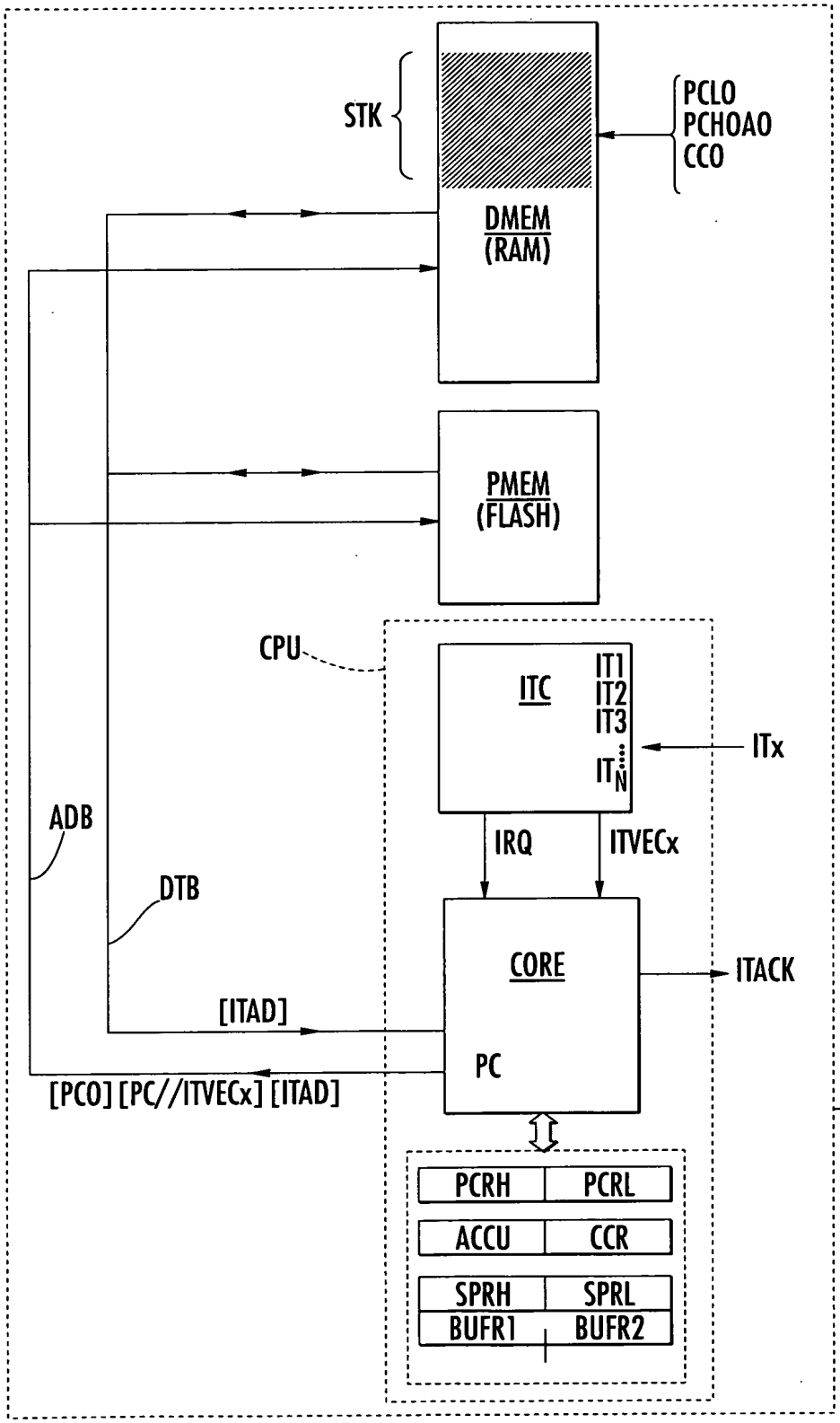

FIG. 1.
(PRIOR ART)

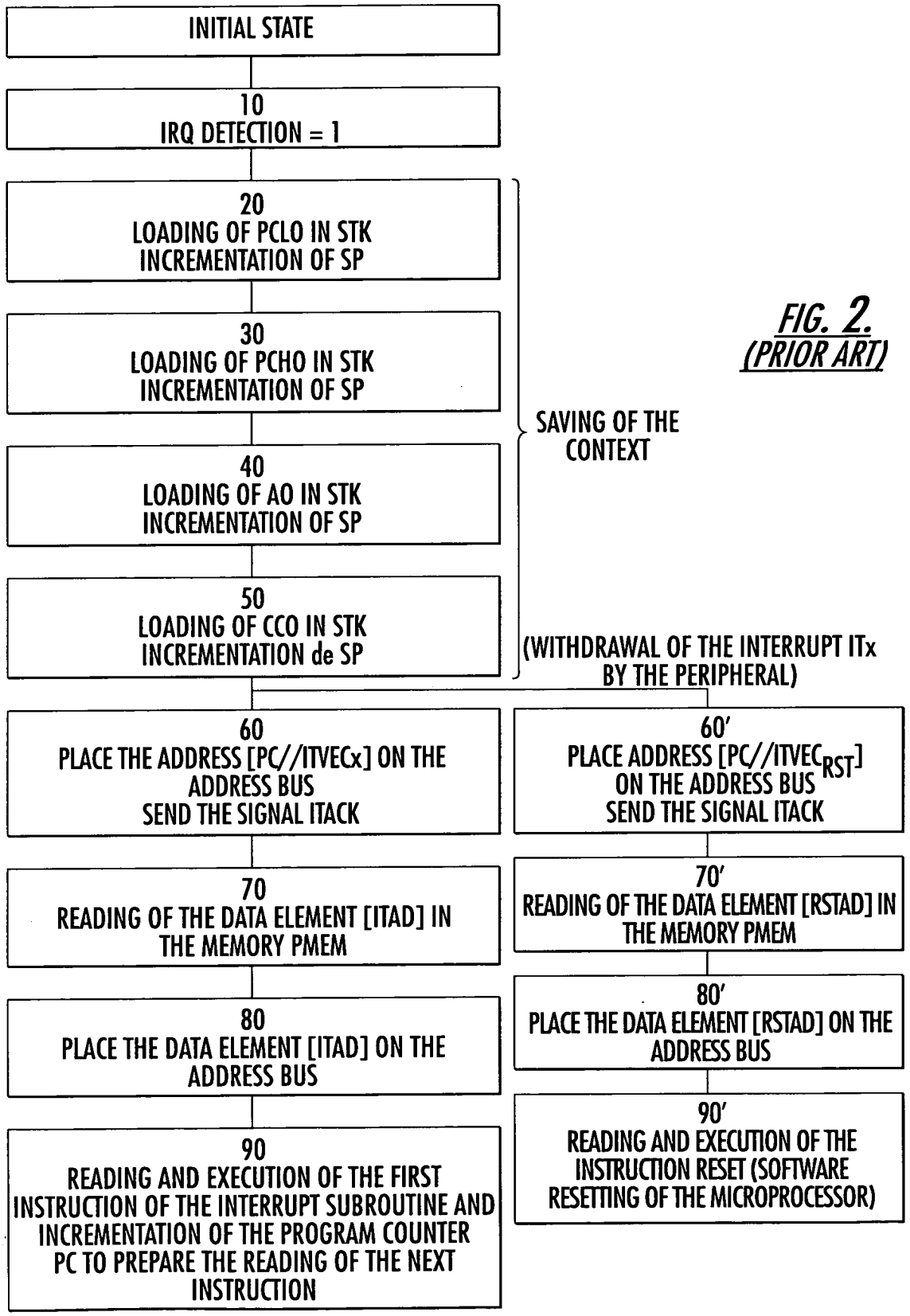

FIG. 2.
(PRIOR ART)

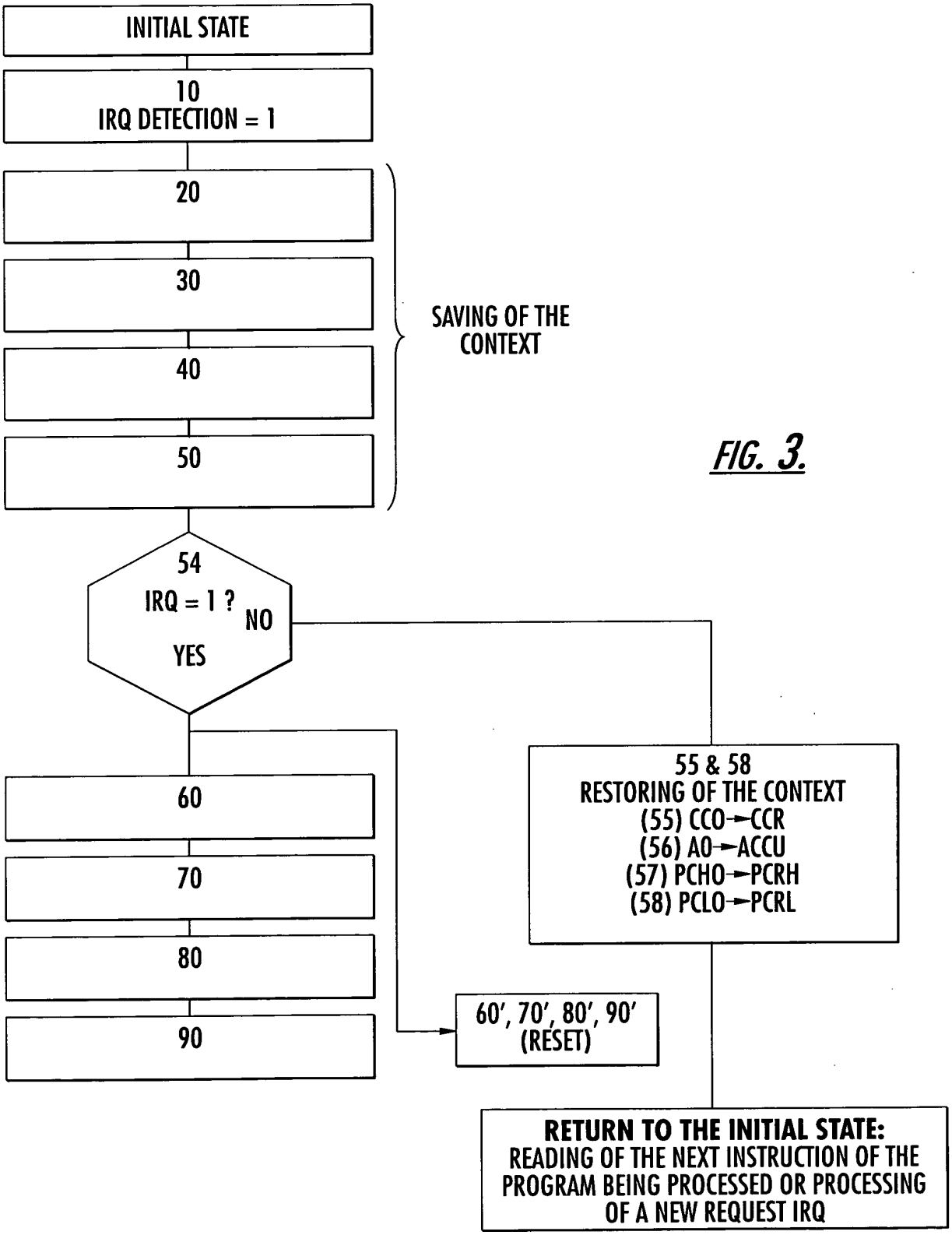
INITIAL STATE
10
IRQ DETECTION = 1
20
30
40
50
SAVING OF THE CONTEXT
54
IRQ = 1 ?
NO
YES
60
70
80
90
60', 70', 80', 90'
(RESET)
55 & 58
RESTORING OF THE CONTEXT
(55) CCO→CCR
(56) A0→ACCU
(57) PCHO→PCRH
(58) PCLO→PCRL
RETURN TO THE INITIAL STATE:
READING OF THE NEXT INSTRUCTION OF THE PROGRAM BEING PROCESSED OR PROCESSING OF A NEW REQUEST IRQ

FIG. 3.